

SolaHD Family of Transformers

SolaHD offers a broad range of transformers to meet many applications. These dry-type transformers are offered encapsulated, ventilated or non-ventilated, 600 Volt Class, isolation type, single and three phase, through 500 kVA. Indoor and outdoor models are available.

Applications

Transformers are useful where the available voltage must be changed to accommodate the voltage required by the load. For many electrical circuits, the National Electrical Code (NEC) requires a separately derived neutral secondary connection provided by Delta-Wye connected transformers. Typical applications include:

- Hospitals
- Industrial Plants
- Commercial Buildings
- Apartment Buildings
- Institutional Buildings
- Office Buildings
- Schools
- Shopping Centers
- High Rise Buildings

General purpose transformers can be located close to the load. No vaults are required for installation and no long, expensive feeder lines are needed. Common applications include inductive and resistive loads such as motors, lighting and heating.

SolaHD general purpose transformers are manufactured to meet applicable industry standards, are Listed in accordance with UL 5058 and UL 1561 specifications and are classified as isolation transformers. The family of transformers includes:

Distribution Transformers - Ventilated 15 kVA to 500 kVA

General Purpose

These industry workhorses feature dry type construction and are classified as isolation transformers.

Low Temperature Rise

Lower thermal stress on transformer insulation increases useful life.

K-Factor

Designed to reduce the heating effects of harmonic currents created by solid state loads.

Copper Wound

SolaHD general purpose transformers have standard aluminum coil windings. As an option, copper windings are available.



Automation Transformers - Non-Ventilated 50 VA to 45 kVA, Drive Isolation 7.5 kVA to 440 kVA and Industrial Control 50 VA to 10 kVA

General Purpose

Dry-type transformers, 600 Volt Class, isolation type, single and three phase. Indoor and outdoor models available.

Hazardous Location (Encapsulated)

Comply with Article 500 of the NEC for Class I, Division 2, Group A, B, C and D locations.

Buck-Boost

Used for outdoor or designer low voltage lighting. When connected properly, these transformers can be used to raise or lower the supply voltage to match the needs of the load.

Drive Isolation

Designed to handle the mechanical stresses, voltage demands and harmonics associated with SCR applications.

Industrial Control

The units supply inrush current demands of electromagnetic loads and control applications.